

Memo

To: Sam Borries
From: Eric Bowman
CC: Jeff Rhinefield, Craig Thomas, Paul Ruesch,
Date:
Re: Site Plans

This memorandum has been prepared to review the status of site plan preparation and determine future plan preparation requirements. I propose you review this memorandum and we schedule a planning meeting the week of October 10, 2011. It might be advantageous to have follow up meetings/conference call with you (and specified others) myself and the authors individually to work through details after discussing the plans in general. I would also like to prioritize and develop a schedule for completion.

On Friday July 8, 2011 you provided the following list of Plans:

- Proposed Site Layout
- Detailed Construction Schedule
- Site Specific HASP
- Traffic Control Plan
- Erosion and Sedimentation Control Plan
- Debris Management Plan
- Excavation and Dredging Plan
- Sediment Dewatering Plan
- Water Management Plan
- Transportation and Disposal Plan
- Sampling and Analysis Plan
- Monitoring Plan

- Spill/Emergency Contingency Plan
- Substantive Requirement Document

In addition you provided a portion of document entitled Portage Creek Detailed Cost Estimate date April 13, 2011 that additionally lists the following:

- Construction Quality Control Plan

In addition the following plan was verbally requested:

- Quality Assurance Quality Control Plan
- Technical Memorandum for SA 7 Contaminated Soil Removal Operations
- Site Restoration Plan

The list below summarizes the plans that have submitted either in draft or final (with standing Stakeholder comment revisions):

- ✓ Site Specific HASP
- ✓ Traffic Control Plan
- ✓ Erosion and Sedimentation Control Plan
- ✓ Debris Management Plan
- ✓ Technical Memorandum for SA 7 Contaminated Soil Removal Operations
- ✓ Site Restoration Plan
- ✓ Sampling and Analysis Plan (actual name Field Sampling Plan)

The Quality Assurance Quality Control Plan is near completion to be submitted at least as a draft.

The following plans are yet to be prepared, however there may be work elements or issues that affect plan preparation:

- Proposed Site Layout- Please provide guidance on what you are calling site layout?
 - Is this the layout of John Street TCRA Support Area?
 - Or is this a layout for each individual slope area?
 - What features do you want to see in the layout?
 - Subject to your response various work elements may need to be performed to facilitate this such as topographic surveying, vegetation assessment, etc.
- Detailed Construction Schedule- We need to sit down and work through with calendar,

- Excavation and Dredging Plan- We need to discuss several things
 - Format- Do we want 1 all inclusive document, or break into multiple technical memorandums, or both?
 - Outline what should be covered and order of presentation
 - In addition to map figures do want when available to insert photos of similar work, and/or actual site photos with overlaying information called out to provide visually supportive information (for the latter a photo survey should be conducted once foliage is gone to allow for most useful depiction of site features)
- Sediment Dewatering Plan- consider combining this with the water management and/or Excavation and dredging plan since this activity is so closely tied to water management/Excavation
 - If this will still be a standalone plan, we need to discuss outline and order of presentation
 - Also we need to get out an RFP and contractor online to provide details of our approach
 - This may be best handled in tech memo approach subject to success of the proposed dewatering approach for SA 6
- Water Management Plan- Is this an O&M manual for the proposed water treatment system, with sampling and reporting requirements from the SRD? We need define what is to be covered in this plan?
- Transportation and Disposal Plan- This plan could be a simple re-write of the debris management plan with additional information regarding waste characterization, procedures, additional sampling requirements from FSP/QAPP. Let us work through an outline of what needs to be in the plan.
- Monitoring Plan- Do we want to take elements of FSP, HASP, ESCP and combine into one document, or is this already covered adequately by those 3 documents
- Spill/Emergency Contingency Plan- Do we want to take elements of the HASP/ESCP and make into one plan, or is the intent of the requested plan already covered in the ESCP?
- Substantive Requirement Document- The document is prepared with the large exception of the water treatment plant information, which we cannot provide until we award a vendor for the WWTP.
- Construction Quality Control Plan- EQ will prepare this from the Ruddiman Creek document since there was no similar document from Plainwell No. 2 or as otherwise directed.

Will there be any other plans you require? I anticipate that Technical Memorandums for Excavation and dredging, Erosion and Sedimentation Control, and Site Restoration will need to be prepared at a minimum for each Slope Area. I also anticipate an Index of Drawings will need to be prepared with existing Figures from all plans, and possibly some new figures not

yet conceived. A Index of Post Remediation/Restoration Figures will need to be prepared to document work activities.